

## **DETAILED ACTION**

### ***Application and Claims Status***

1. Applicant's preliminary amendments filed 09/23/2005 and 09/21/2006 are acknowledged and entered.
2. Claims 1-24 were pending. In the preliminary amendment filed 09/23/2005, applicants have amended claims 5, 12-15, 17, 23, and 24; and added claims 25-42. In the preliminary amendment filed 09/21/2006, applicants have amended claims 1-5, 9, 14, 19, 20, 22, 23, 25, 29, 32, 34, and 38. No claims were cancelled. Therefore, claims 1-42 are currently pending and are under consideration in this Office Action.

### ***Election/Restrictions***

3. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claims 1-13, drawn to an LED video display apparatus with a plurality of individual groups of single or multiple LEDs.

Group II, claims 14-18, drawn to a colored video display with an optical means for projecting the light from the LEDs in each pixel.

Group III, claims 19-24, drawn to a colored video display with a plurality of LED-DIEs.

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Group IV, claims 25-33, drawn to a method of determining the degradation of the LED(s) representative of each color of the video display apparatus with a single light sensor associated with all of the LEDs in an individual group.

Group V, claims 34-42, drawn to a method of determining the degradation of the LED(s) representative of each color of the video display apparatus with a light sensor associated with each LED.

4. The inventions listed as Groups I-V do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

The technical feature linking Groups I-V appears to be that they all relate to an LED display apparatus. This special technical feature is well known in the art. Moreover, Holloman (US Patent 4,682,162) disclose an LED display apparatus (see e.g. Abstract; col. 2, lines 33-60; figs. 1 and 2). Therefore, the technical feature linking Groups I-V does not constitute a special technical feature as defined by PCT Rule 13.2, as it does not define a contribution over the prior art.

5. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

6. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the

application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MY-CHAU T. TRAN whose telephone number is (571)272-0810. The examiner can normally be reached on Monday: 8:00-2:30; Tuesday-Thursday: 7:30-5:00; Friday: 8:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerpe can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MY-CHAU T. TRAN/  
Patent Examiner, Art Unit 2629

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